BAL6/2: FIGURES – HYDRO POE HATFIELD AERODROME

Town and Country Planning Act 1990, Section 78

Application for the establishment of a new quarry on land at the former Hatfield Aerodrome, including a new access onto the A1057, aggregate processing plant, concrete batching plant and other ancillary facilities, together with the importation of inert fill materials for the restoration of the minerals working

Application Ref. 5/0394-16

Section 78 Appeal against refusal of planning permission by Hertfordshire County Council.

Appeal Ref. APP/M1900/W/21/3278097

Appendices to the Proof of Evidence of Peter Rowland BSc. MSc.

Hydrogeology



CONTENTS

FIGURES

Figure PR-PE1 Regional Chalk Surface and Subcrop with Mineral Deposits

Figure PR-PE2 Conceptual Cross-Section Through the Regional Geology & Bromate Plume

Figure PR-PE3 Regional Plan of Groundwater Source Protection Zones

Figure PR-PE4 Hatfield Hydrograph – UMA, LMA and Chalk

Figure PR-PE5 Bromate Plume Chalk Groundwater Low (Oct 2019)

Figure PR-PE6 Bromate Plume Chalk Groundwater High (Apr 2021)

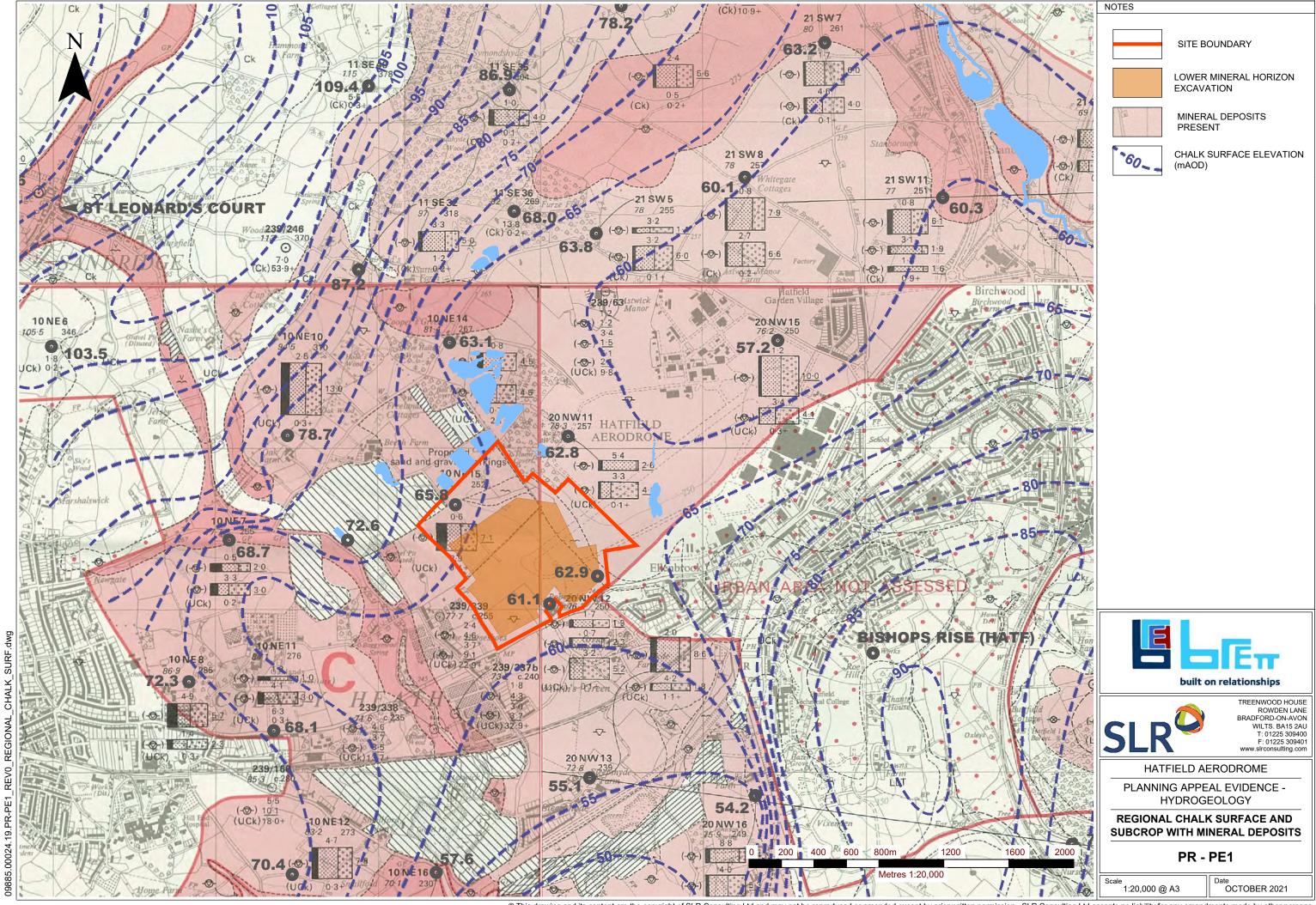
Figure PR-PE7 Bromate Plume LMH Groundwater Low (Nov2019)

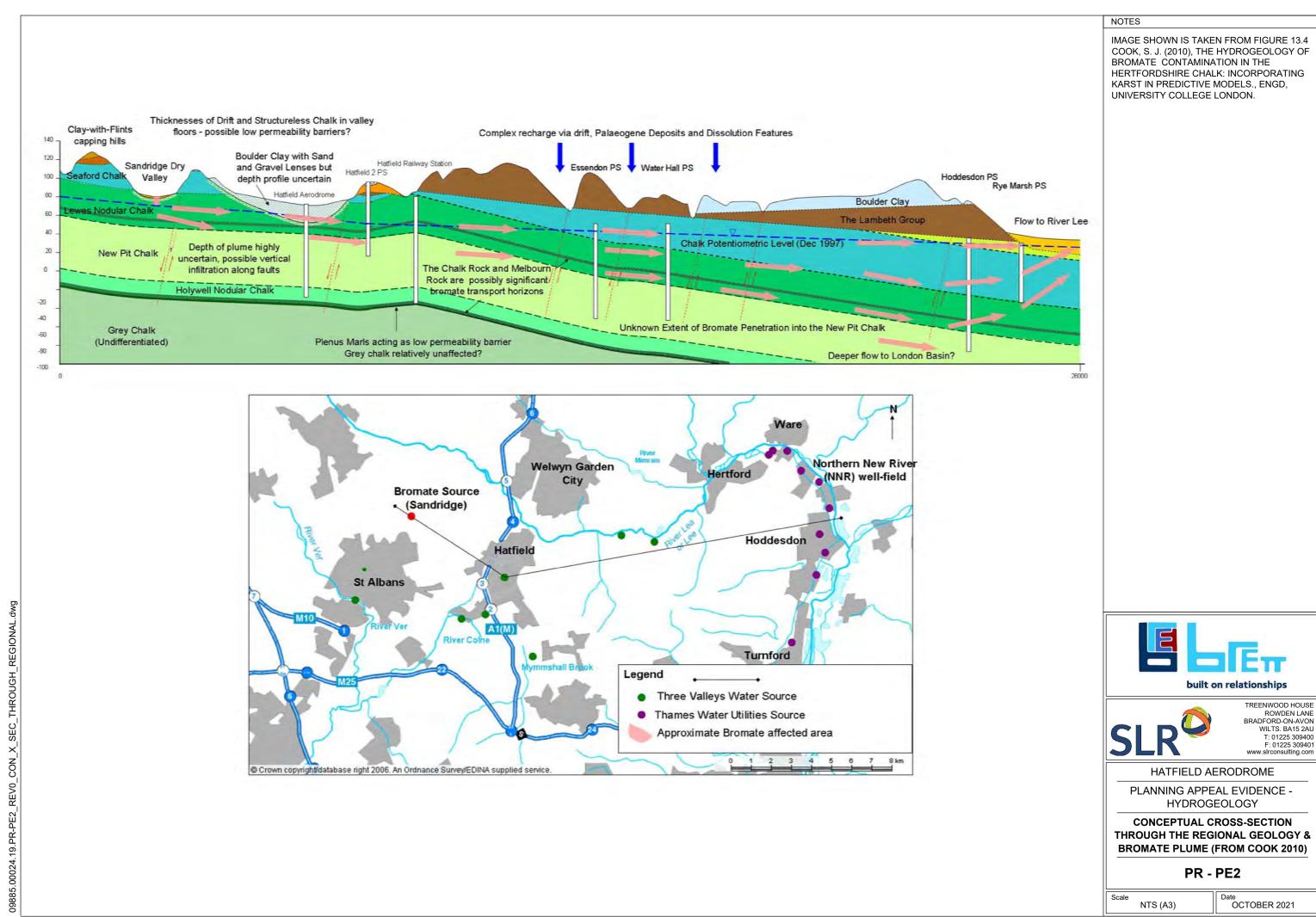
Figure PR-PE8 Bromate Plume LMH Groundwater High (Apr 2021)

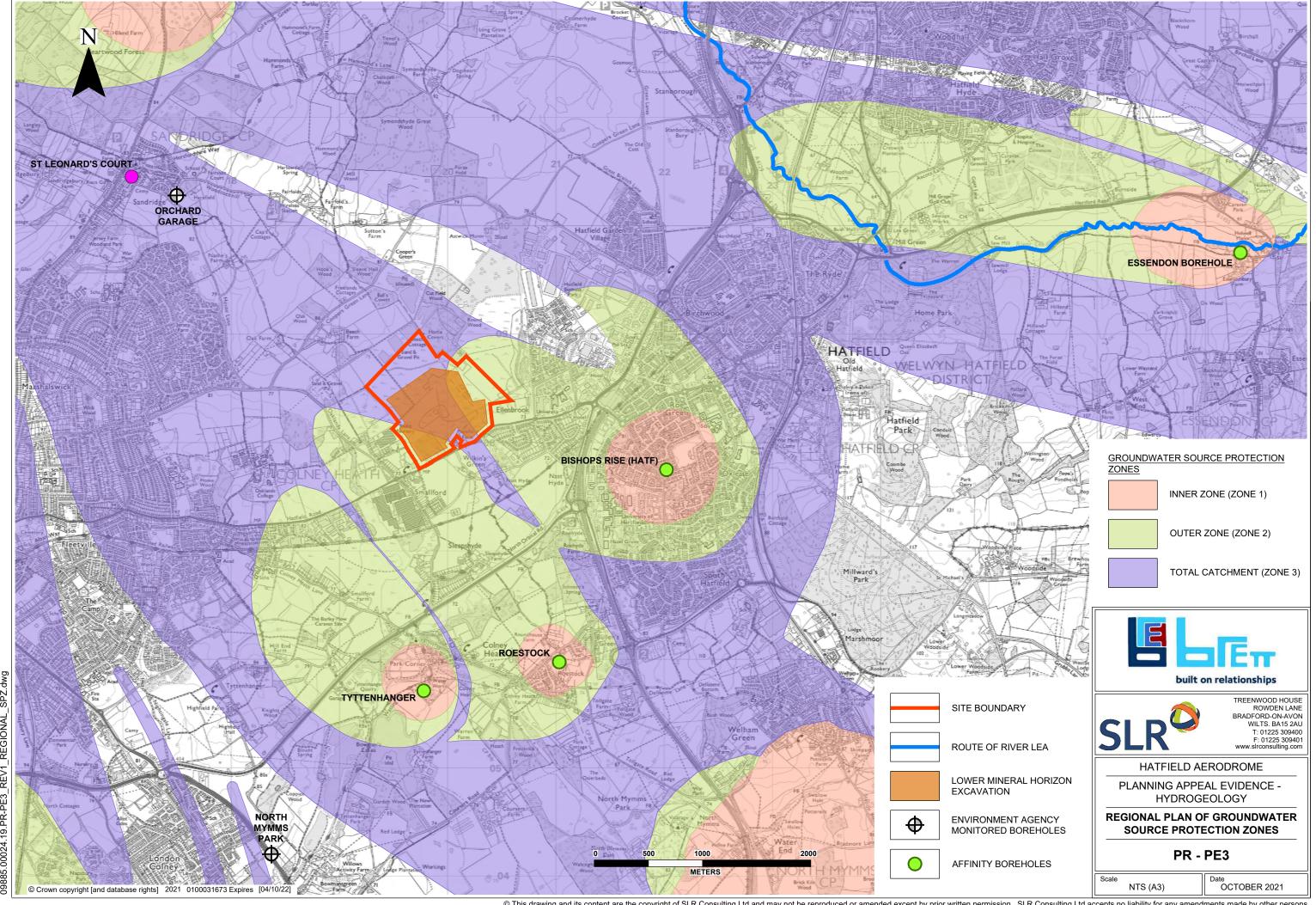
Figure PR-PE9 BH104 Bromate concentration response to Bishops Rise (HATF) Abstraction

Figure PR-PE10 BH301 Bromate concentration response to Bishops Rise (HATF) Abstraction

Figure PR-PE11 Hydrograph of Study Area Drawdown in response to Bishops Rise Signal Test 2018-19



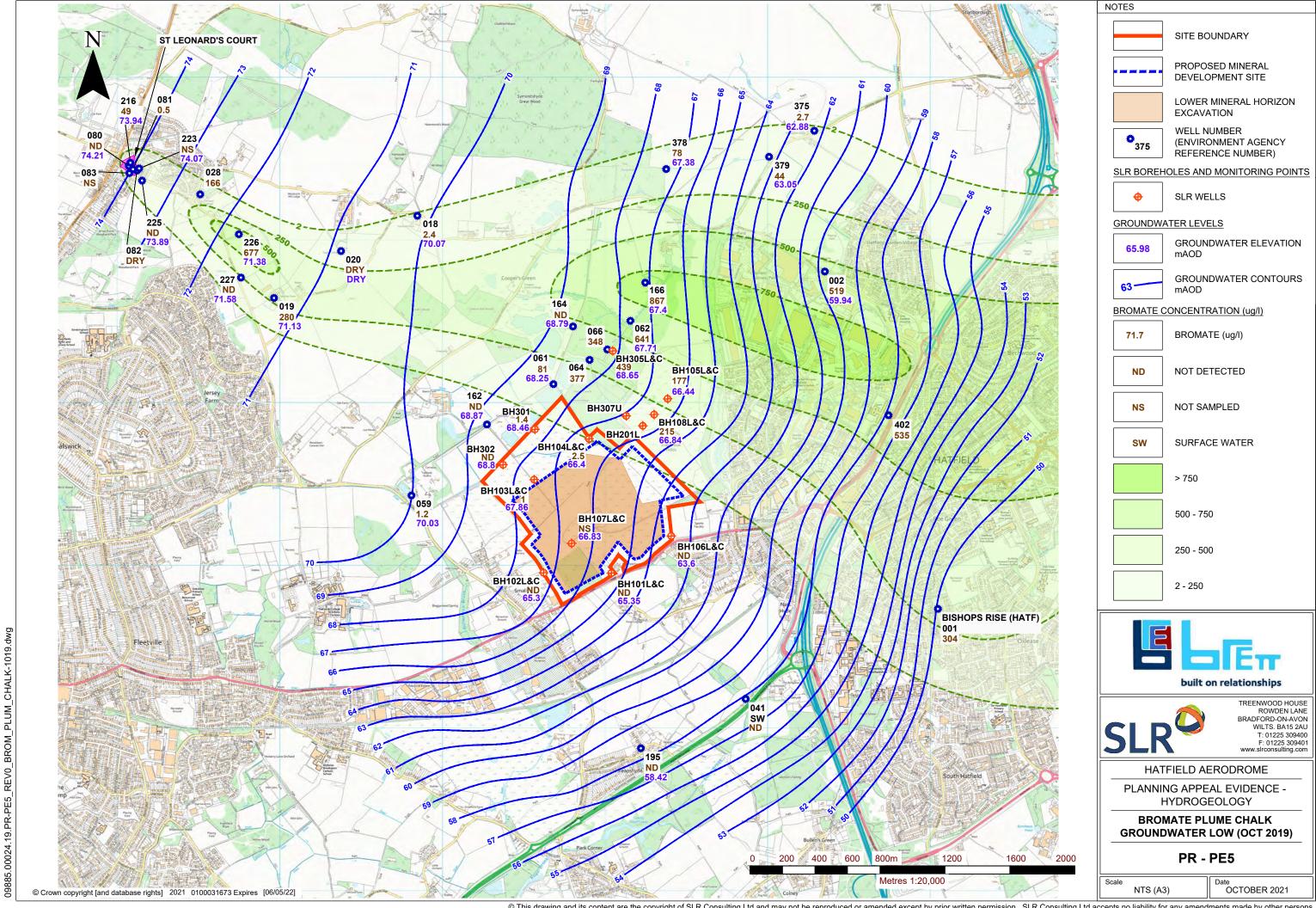


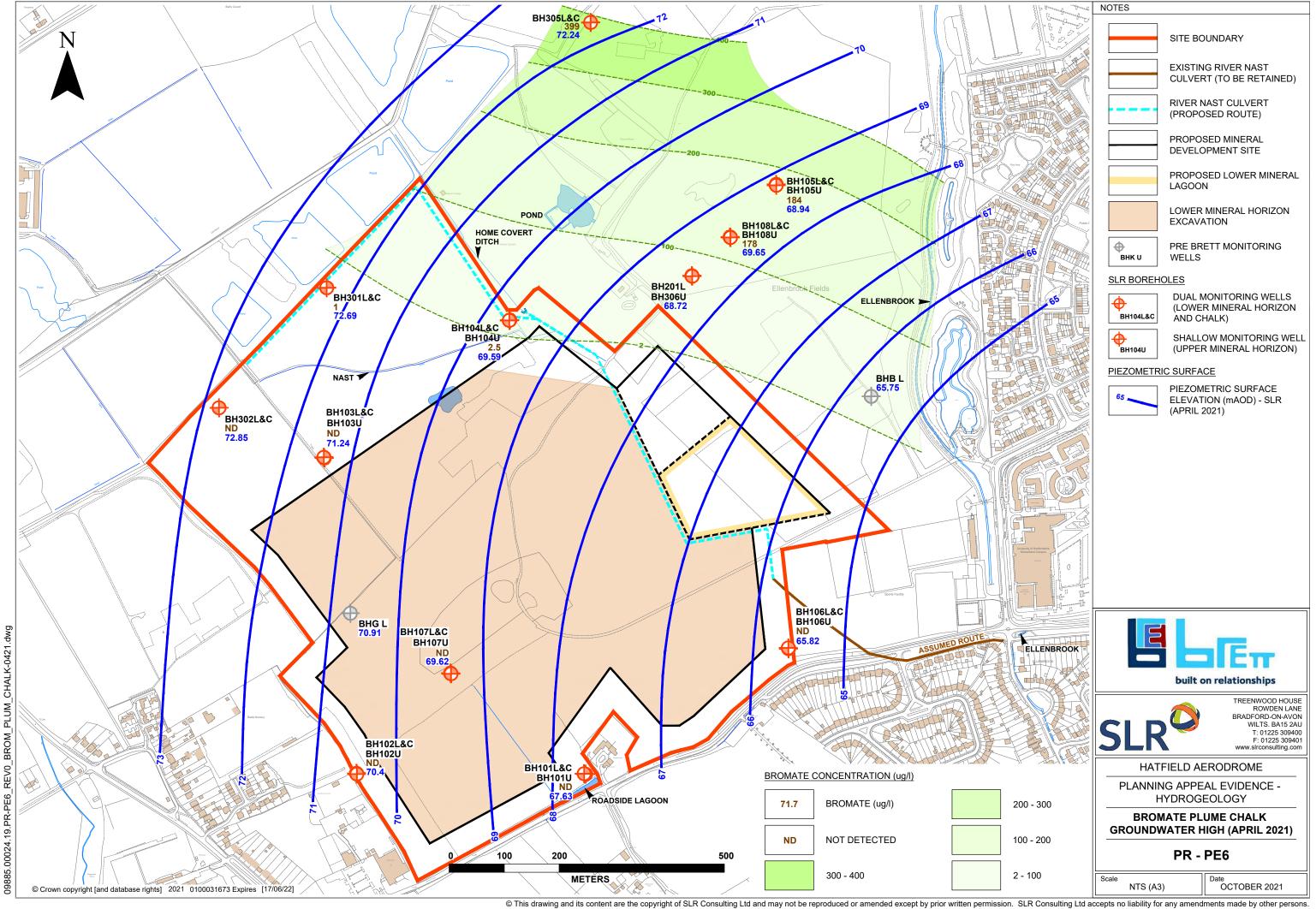


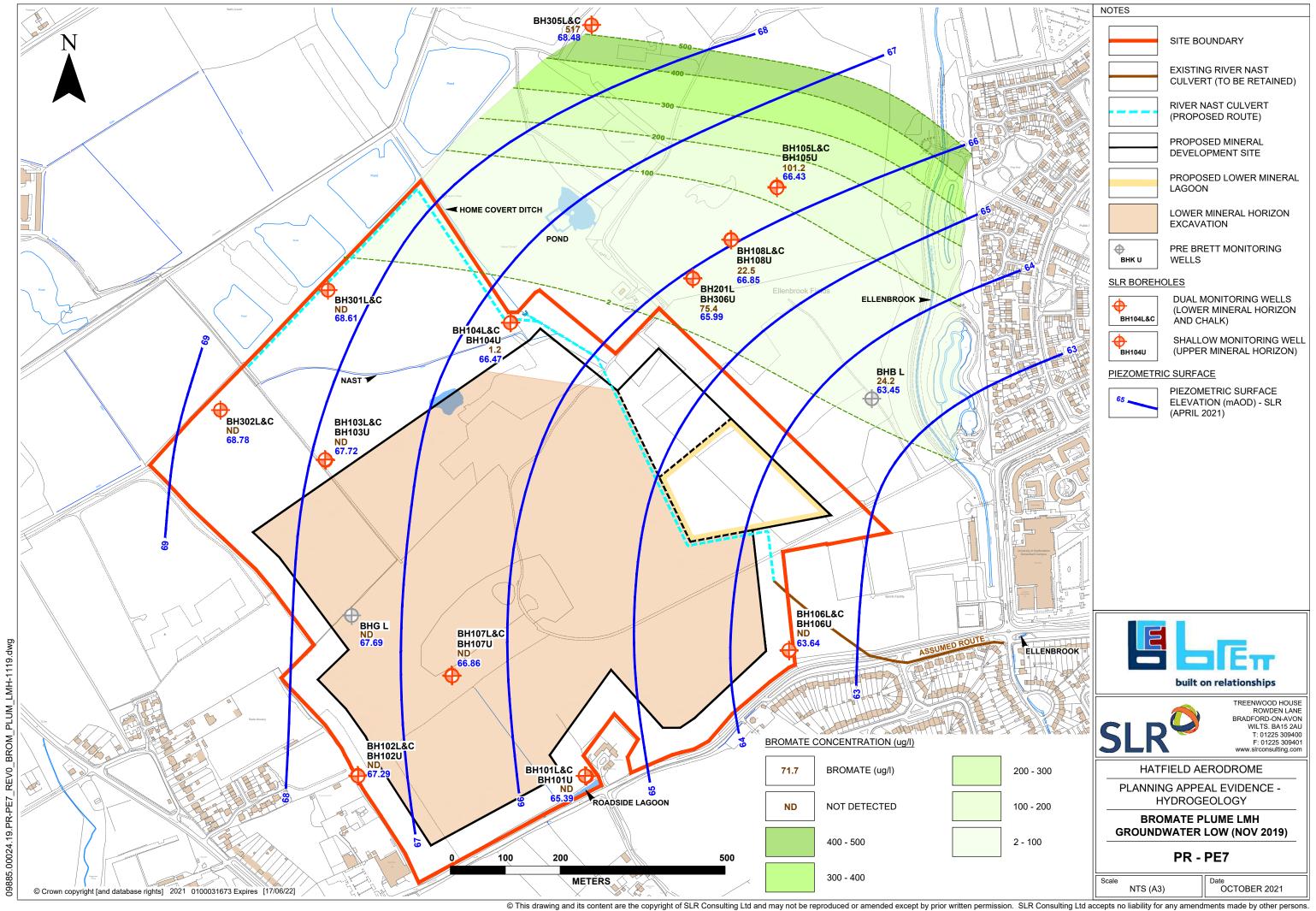
09885.00024.19.PR-PE4_REV0_GW_HYDROGRAPH_COMBINED.dwg

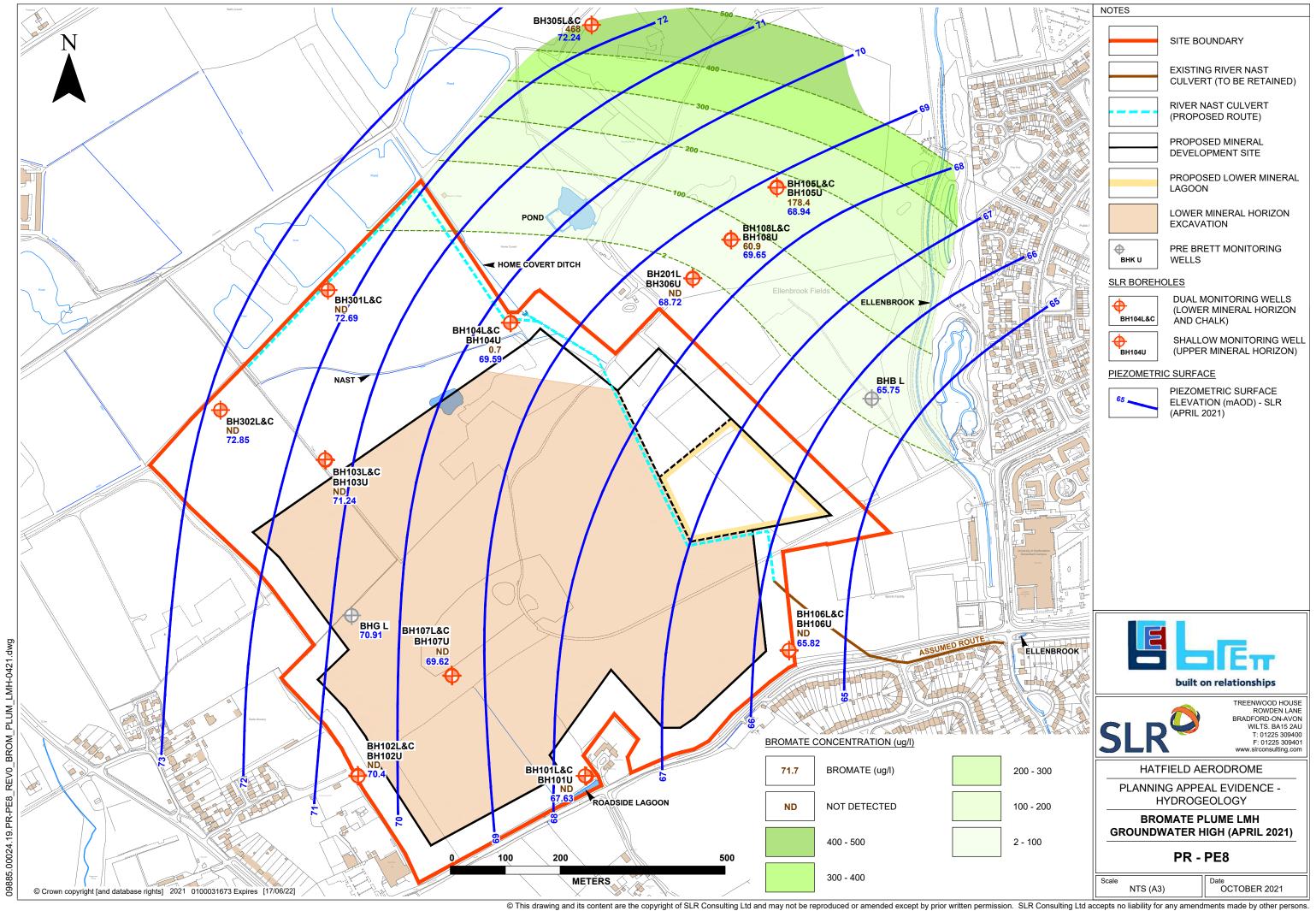
Date OCTOBER 2021

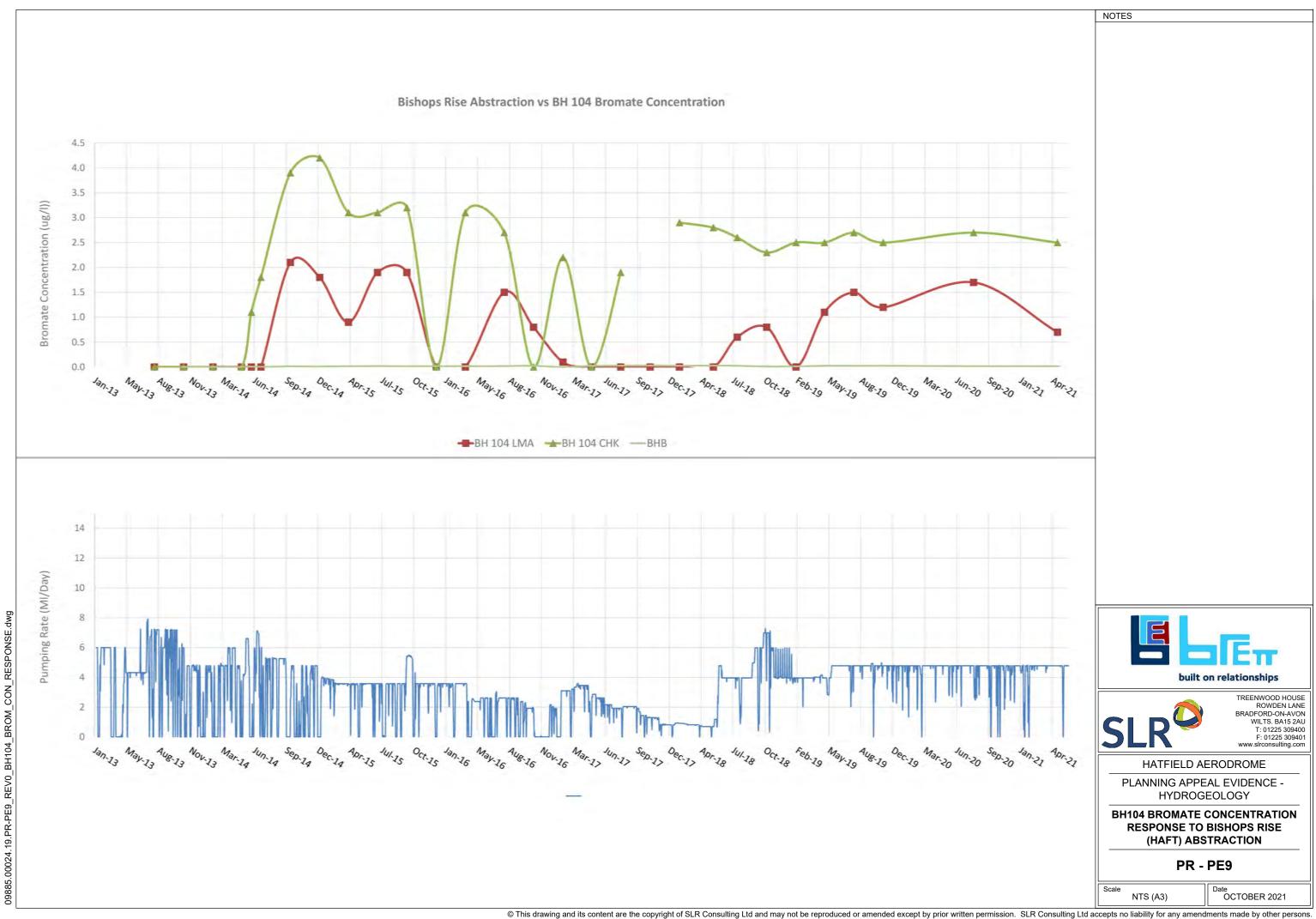
© This drawing and its content are the copyright of SLR Consulting Ltd and may not be reproduced or amended except by prior written permission. SLR Consulting Ltd accepts no liability for any amendments made by other persons

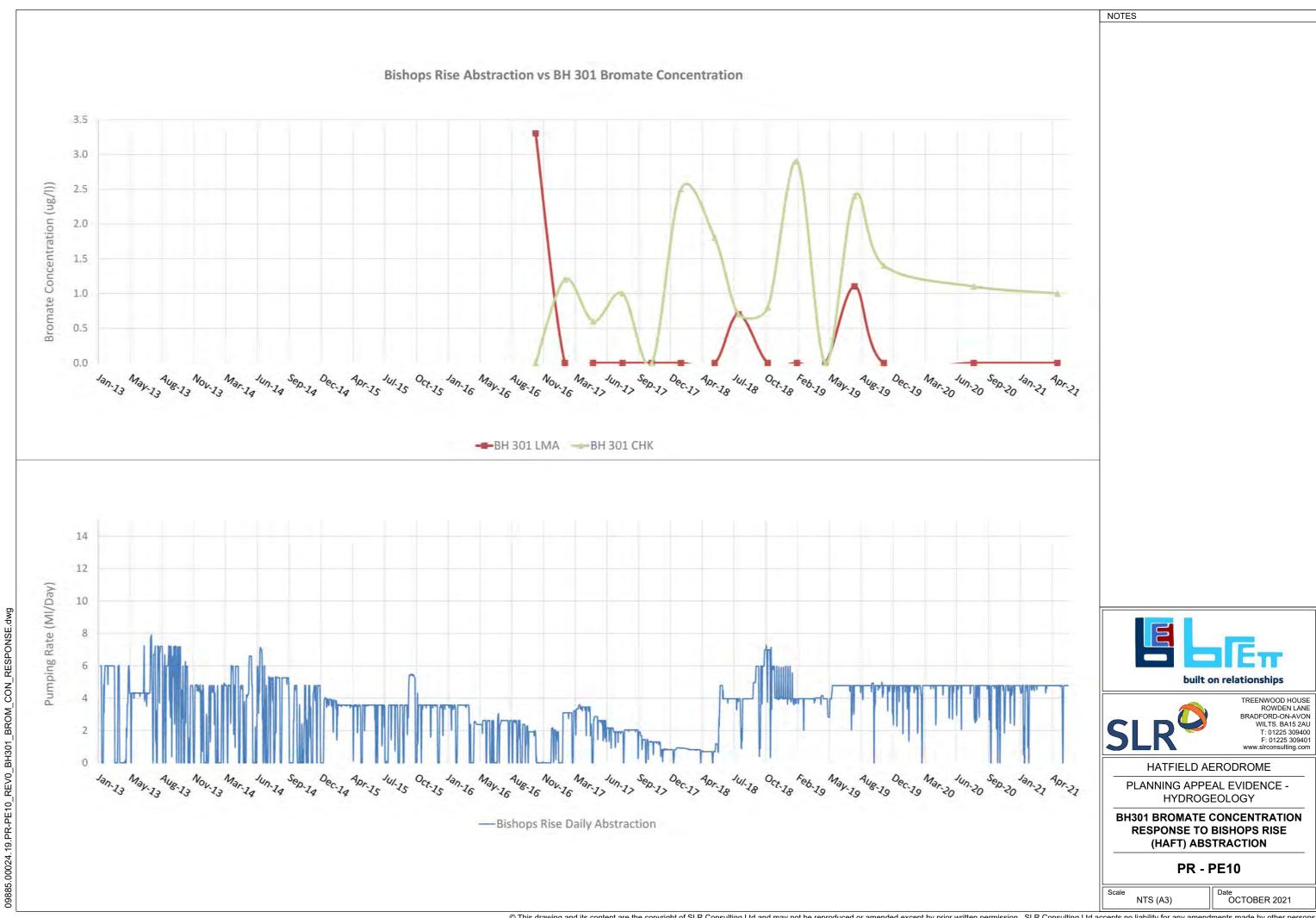


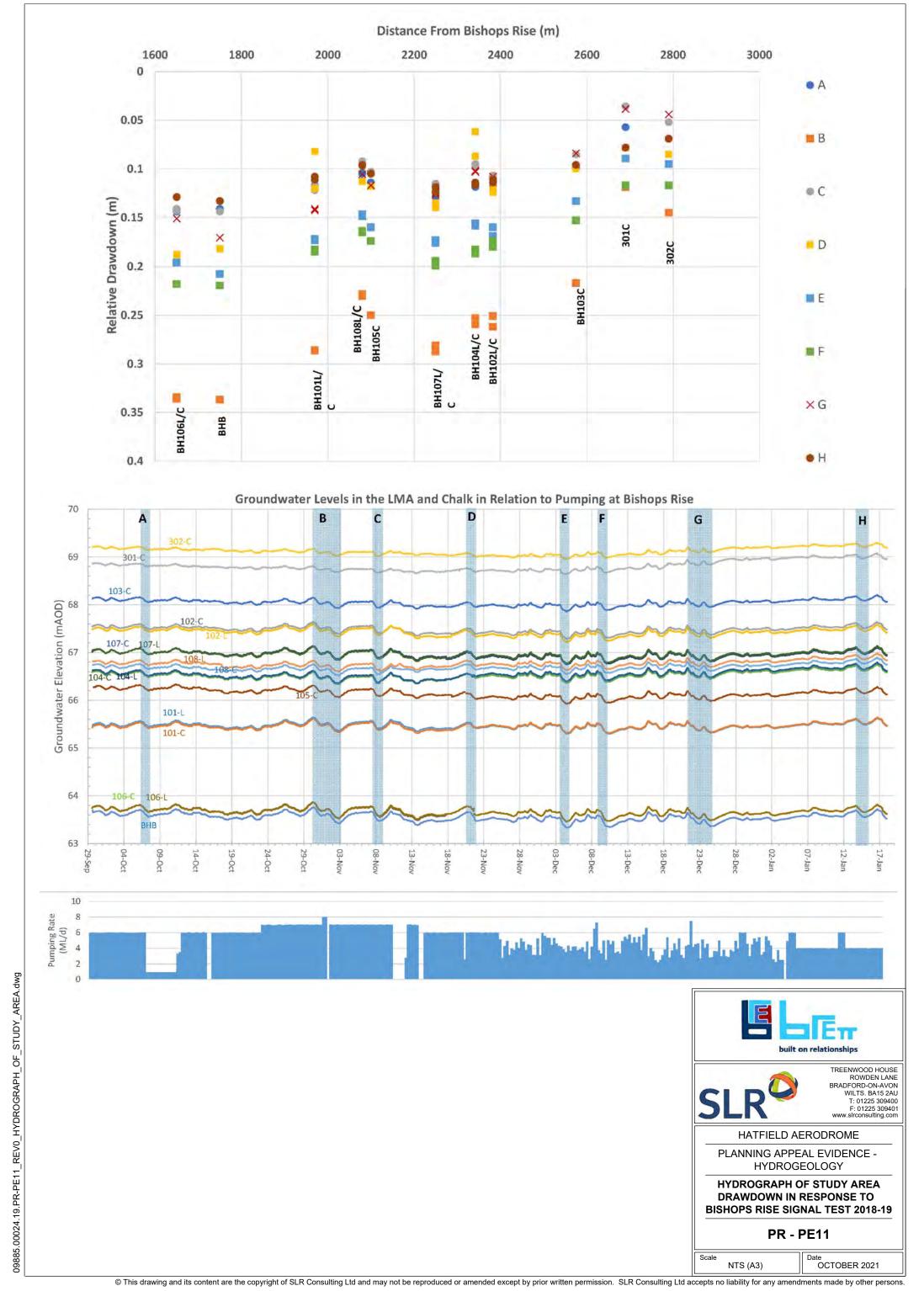












EUROPEAN OFFICES

United Kingdom

AYLESBURY

T: +44 (0)203 805 6418 T: +44 (0)1844 337380

BELFAST

MAIDSTONE belfast@slrconsulting.com T: +44 (0)1622 609242

BRADFORD-ON-AVON

MANCHESTER (Denton) T: +44 (0)161 549 8410 T: +44 (0)1225 309400

BRISTOL

MANCHESTER (Media City) T: +44 (0)117 906 4280 T: +44 (0)161 872 7564

CARDIFF

NEWCASTLE UPON TYNE T: +44 (0)29 2049 1010 T: +44 (0)191 261 1966

CHELMSFORD

T: +44 (0)1245 392170 T: +44 (0)115 964 7280

EDINBURGH

T: +44 (0)131 335 6830 T: +44 (0)114 245 5153

EXETER

T: +44 (0)1392 490152 T: +44 (0)1743 23 9250

GLASGOW

glasgow@slrconsulting.com T: +44 (0)1786 239900

GUILDFORD

guildford@slrconsulting.com T: +44 (0)1905 751310

Ireland

France

NOTTINGHAM

SHEFFIELD

SHREWSBURY

STIRLING

WORCESTER

DUBLIN

GRENOBLE T: + 353 (0)1 296 4667 T: +33 (0)6 23 37 14 14

www.slrconsulting.com

